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# Plant Variety Protection Office Official Journal



## PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office  
Warehouse Division, AMS  
U.S. Department of Agriculture  
National Agricultural Library Bldg., Rm. 500  
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# APPLICATIONS RECEIVED

OCT. 1, 1983 TO DEC. 31, 1983

Applications for protection have been filed for the following varieties, each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. Seed of these varieties may be labeled "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
BARLEY	* 8400011	Robust	831101	Minnesota Agric. Expt. Sta.
BEAN, FIELD	8400006	Midland	831028	Asgrow Seed Co.
	8400007	Northland	831028	Asgrow Seed Co.
		Westland	831028	Asgrow Seed Co.
BEAN, GARDEN	8400021	<XPB142>	831214	Asgrow Seed Co.
	8400022	<XPB148>	831214	Asgrow Seed Co.
		Sapphire	831229	Rogers Brothers Seed Co.
BLUEGRASS, KENTUCKY	8400005	Nassau	831021	Lofts Inc. & Jacklin Seed Co.
CORN, FIELD	8400029	LH122	831229	Holden's Foundation Seeds, Inc.
	8400030	LH123	831229	Holden's Foundation Seeds, Inc.
		<BJ-1>	831227	Black Jewell Popcorn, Inc.
CORN, POP	* 8400033	Simwalt 82	831031	Oklahoma Agric. Expt. Sta.
COTTON	* 8400010	Milan	831114	Saatzucht Steinach, W. Ger.
FESCUE, CHEWINGS	8400020	Nezpus	831011	Idaho Agric. Expt. Sta.
FESCUE, IDAHO	* 8400002	Joseph	831011	Idaho Agric. Expt. Sta.
	* 8400003	Brookston	831011	International Seeds, Inc.
FESCUE, TALL	8400004	Au Triumph	831011	Auburn Univ. Agric. Expt. Sta.
	8400017	Jasper	831129	Wilbur-Ellis Co.
LENTIL	8400012	Red Sails	831114	Petoseed Co., Inc.
LETTUCE	8400001	<EXP 537B>	831122	Moran Seeds, Inc.
	8400013	Centennial	831221	Wisconsin Agric. Expt. Sta.
OAT	* 8400025	Misty	831230	Pure Line Seeds, Inc.
PEA, GARDEN	8400031	J82	831028	Jacques Seed Company
SOYBEAN	* 8400009	Coker 393	831118	Coker's Pedigreed Seed Co.
	* 8400018	Coker 355	831118	Coker's Pedigreed Seed Co.
	* 8400019	<PRN82>	831230	Bailey Seed Farms, Inc.

\* To be sold by variety name only as a class of certified seed.  
 < > Identifies temporary designation.  
 ( ) No. of generations of certified seed permitted beyond breeder's seed.

APPLICATIONS RECEIVED (CONT.)  
OCT. 1, 1983 TO DEC. 31, 1983

Applications for protection have been filed for the following varieties, each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. Seed of these varieties may be labeled "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>	<u>APPL. DATE</u>	<u>NAME OF APPLICANT</u>	
WATERMELON	* 8400015	AU-Jubilant	831128	Alabama Agric. Expt. Sta.	(3)
	* 8400016	AU-Producer	831128	Alabama Agric. Expt. Sta.	(3)
WHEAT, COMMON	* 8400014	Buckshot	831114	North American Plant Breeders	(3)
	* 8400023	WestBred Challenger	831216	Western Plant Breeders, Inc.	
	* 8400024	Apex	831216	Western Plant Breeders, Inc.	
	8400026	2165	831223	Pioneer Hi-Bred Internat'l, Inc.	
	8400027	2157	831223	Pioneer Hi-Bred Internat'l, Inc.	

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< > Identifies temporary designation.

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**APPLICATIONS AMENDED**  
OCT. 1, 1983, TO DEC. 31, 1983

Information concerning the varieties listed below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED". During the examination process, the applicant requested this information to be amended as indicated below.

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>	<u>APPL. DATE</u>	<u>NAME OF APPLICANT</u>
TRITICALE	8100001	'Jenkins'	801007	Arco Seed Co.

Variety with temporary designation of 'A876' named 'Jenkins'.



APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
OCTOBER 1, 1983, TO DECEMBER 31, 1983

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>
ENDIVE	8000140	'Valdena'

**CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM**  
OCTOBER 1, 1983, TO DECEMBER 31, 1983

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
ALKALIGRASS, WEeping	8300071	Fults	831230	Northrup King Co.
'Fults' most closely resembles 'K2-103', a nonreleased line; however, 'Fults' is 9.5 cm taller (38.5 vs 29.0 cm) than 'K2-103'.				
ASTER, CHINA	8200129	Pot 'N Patio Violet Blue	831230	W. Atlee Burpee Co.
'Pot 'N Patio Violet Blue' is most similar to 'Dwarf Border Blue'; however, 'Pot 'N Patio Violet Blue' flowers in winter under short days and averages 19 cm tall x 25 cm wide when grown outdoors whereas 'Dwarf Border Blue' does not flower under short days and averages 25 cm tall x 25 cm wide when grown outdoors.				
BUCKWHEAT	8300046	Winsor Royal	831027	Winsor Grain, Inc.
'Winsor Royal' is most similar to 'Mancan', however, the mature seed of 'Winsor Royal' has straight sides, whereas 'Mancan' has concave sides.				
KLEINGRASS	* 8300018	Verde	831027	Texas Agric. Expt. Sta. (2)
'Verde' is most similar to 'Kleingrass 75'; however, 'Verde' has glabrous tillers, whereas 'Kleingrass 75' has pubescent tillers. 'Verde' also has heavier (1.04 vs .82 mg) and longer (2.34 vs 2.12 mm) seed than 'Kleingrass 75'.				
ONION	8300083	Crystal Wax Pickling	831230	Arco Seed Co.
'Crystal Wax Pickling' most closely resembles 'Crystal Wax'; however, when grown with double normal seeding rates 'Crystal Wax Pickling' produces perfectly globe-shaped mature bulbs whereas under the same conditions 'Crystal Wax' produces spindle-shaped mature bulbs.				

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**CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT).**

OCTOBER 1, 1983, TO DECEMBER 31, 1983

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER
PEA	8200146	Lacy Lady	831230	Musser Seed Co., Inc.
	'Lacy Lady' is most similar to 'Novella'; however, 'Lacy Lady' plants are 20 cm taller and are not fasciated whereas 'Novella' is slightly fasciated.			
PEA	8200169	77 Early Perfection	831128	Canners Seed Corporation
	'77 Early Perfection' most closely resembles '8221 Early Perfection'; however, '77 Early Perfection' plants are 7 cm shorter and have one fewer node than '8221 Early Perfection'.			
PEA	8200180	Superscout	831027	Crites-Moscow Growers, Inc.
	'Superscout' is most similar to 'Scout'; however, 'Superscout' is resistant to pea seedborne mosaic virus and <u>Fusarium</u> wilt, races 5 and 6, whereas 'Scout' is susceptible to these diseases.			
PEA	8200186	Sundance	831027	Pure Line Seeds, Inc.
	'Sundance' is most similar to 'Tahoe'; however, 'Sundance' has pointed pods whereas 'Tahoe' has blunt pods.			
PEA	8300010	Image	831128	Crites-Moscow Growers, Inc.
	'Image' is most similar to 'Swinger'; however, 'Image' is resistant to <u>Fusarium</u> wilt, races 5 and 6, whereas 'Swinger' is susceptible.			
RADISH	8300024	Red King	831230	Joseph Harris Co., Inc.
	'Red King' most closely resembles 'Fancy Red'; however, 'Red King' is resistant to club root, race 6, whereas 'Red King' is susceptible.			

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# CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)

OCTOBER 1, 1983, AND DECEMBER 31, 1983

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER
RYEGRASS, PERENNIAL	7700110	Regal	831230	International Seeds, Inc.
'Regal' most closely resembles 'Citation'; however, 'Regal' has fewer spikelets/spike (18 vs 20), has greater billbug resistance (4 vs 39% turf damage) and has fewer tillers per cm <sup>2</sup> than 'Citation'.				
RYEGRASS, PERENNIAL	8000141	Pennant	831128	Agriculture Service Corporation
'Pennant' most closely resembles 'Citation'; however, 'Pennant' is 14 cm taller (92 vs 78 cm) than 'Citation'.				
SOYBEAN	8100133	CS24	831027	Callahan Enterprises, Inc.
'CS24' is most similar to 'Riverside 3035'; however, 'CS24' has excellent emergence from a depth of 10 cm at 25°C, whereas 'Riverside 3035' has extremely poor emergence (after 14 days, 75-85% seedling emergence for 'CS24' vs less than 65% seedling emergence for 'Riverside 3035').				
SOYBEAN	8200161	RA-606	831027	Ring Around Products, Inc.
'RA-606' most closely resembles 'Davis'; however, 'RA-606' is resistant to soybean cyst nematode, races 3 and 4, whereas 'Davis' is susceptible.				
SOYBEAN	8200162	Mitchell 410	831027	Ring Around Products, Inc.
'Mitchell 410' most closely resembles 'Mitchell'; however, 'Mitchell 410' is resistant to race 1 of <u>Phytophthora</u> rot whereas 'Mitchell' is susceptible.				
SOYBEAN	8200163	RA-403	831027	Ring Around Products, Inc.
'RA-403' most closely resembles 'Mitchell'; however, 'RA-403' has brown hila and is tolerant of high pH whereas 'Mitchell' has black hila and is not tolerant of high pH (iron deficiency chlorosis).				

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**CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM**  
OCTOBER 1, 1983, TO DECEMBER 31, 1983

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
SOYBEAN	8200164	S72-60	831027	Northrup King Co.
'S72-60' is most similar to 'Bragg' and 'Ransom'; however, 'S72-60' is resistant to race 3 of <u>Phytophthora megasperma</u> whereas 'Bragg' and 'Ransom' are susceptible.				
SOYBEAN	* 8200174	Hobbit	831128	Ohio Agr. R. & D. Cen. & ARS, USDA (3)
'Hobbit' is most similar to 'Sprite'; however, 'Hobbit' plant type is slender vs bushy for 'Sprite'. 'Hobbit' seeds are smaller (15.6 vs 17.4 g/100 seeds) than 'Sprite' seeds and 'Hobbit' seed coats have low peroxidase activity vs high peroxidase activity for 'Sprite'.				
SOYBEAN	* 8300012	Simpson	831230	Minnesota Agric. Expt. Sta.
'Simpson' is most similar to 'Hodgson 78'; however, 'Simpson' matures 4 or 5 days earlier and is 13 cm shorter in plant height than 'Hodgson 78'.				
SOYBEAN	8300013	Deltapine 497	831128	Delta and Pine Land Co.
'Deltapine 497' is most similar to 'Bragg'; however, 'Deltapine 497' seed coat luster is very dull whereas 'Bragg' seed coat luster is very shiny. The foliage of 'Deltapine 497' is darker green than the foliage of 'Bragg'.				
SOYBEAN	8300014	Deltapine 417	831128	Delta and Pine Land Co.
'Deltapine 417' is most similar to 'Bragg'; however, 'Deltapine 417' has gray pubescence and buff hila whereas 'Bragg' has tawny pubescence and black hila.				

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# **CERTIFICATES AMENDED**

OCTOBER 1, 1983, TO DECEMBER 31, 1983

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice Under the Plant Variety Protection Act.

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF APPLICANT</u>
BEAN	7600058	'Paymaster'	771207	Agrigenetics Corporation
		Variety with temporary designation of EXP. 163 named 'Paymaster' and the name of the owner is Arigenetics Corporation, Vegetable Products Group.		
BEAN	7600059	'Lakeland'	780126	Agrigenetics Corporation
		Variety with temporary designation of EXP. 195 named 'Lakeland' and the name of the owner is Arigenetics Corporation, Vegetable Products Group.		
BEAN	7600060	'Green Genes'	771207	Agrigenetics Corporation
		Name of the owner is Arigenetics Corporation, Vegetable Products Group.		
BEAN	7600061	'Triumph'	771230	Agrigenetics Corporation
		Name of the owner is Arigenetics Corporation, Vegetable Products Group.		
CAULIFLOWER	8100063	'White Summer'	820819	Sluis & Groot Research
		Name of owner changed from Sluis & Groot B.V., Neth. to Sluis & Groot Research.		

# CERTIFICATES VOLUNTARILY ABANDONED

OCTOBER 1983 TO DECEMBER 31, 1983

In compliance with section 180.104(d) of the Plant Variety Protection Act, certificates of plant variety protection for the varieties listed below are voluntarily abandoned by request of the owner. Propagation of these varieties is no longer prohibited by the Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>CERTIFICATE NUMBER</u>	<u>VARIETY</u>	<u>DATE OF ABANDONMENT</u>
BLUEGRASS, KENTUCKY	8100012	Apart	831229

Availability of Computer Search Files.

The Plant Variety Protection Office (PVPO) has a continuing interest in obtaining descriptive information on new varieties. As explained in Volume 11, Number 1 of the Official Journal, the PVPO is making variety computer files available with a request that breeders and others assist in reviewing our files.

The PVPO soybean, bean, pea, cowpea, and cotton files have been announced as available previously. We are now making alfalfa, barley, corn, and fine-leaved fescue files available. To obtain copies of these files write to Kenneth H. Evans, Commissioner, Plant Variety Protection Office, Warehouse Division, AMS, National Agricultural Library Building, Room 500, Beltsville, Maryland 20705, or call (301) 344-2518.





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